

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/09205

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 E05D15/06

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E05D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 064 592 A (RIEGELMAN HARRY M ET AL) 27 December 1977 (1977-12-27)	1-6
A	column 2, line 3 - line 11 column 2, line 26 - column 3, line 18; figures 1-3	7,8
X	EP 0 278 162 A (ACME GENERAL CORP) 17 August 1988 (1988-08-17)	1,4,5,7, 8
	column 3, line 29 - column 5, line 58; figures 1-5	
X	US 4 633 615 A (MOOSE JAMES R) 6 January 1987 (1987-01-06)	1-3,6,7
	column 2, line 6 - column 4, line 5; figures 1-6	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \* & \* document member of the same patent family

Date of the actual completion of the international search

5 January 2004

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12/01/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Guillaume, G

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Information on patent family members

International application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4064592	A	27-12-1977	NONE	
EP 0278162	A	17-08-1988	US 4811683 A CA 1307975 C DE 3773180 D1 EP 0278162 A1	14-03-1989 29-09-1992 24-10-1991 17-08-1988
US 4633615	A	06-01-1987	NONE	